## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.:

10/068,559

Confirmation No.:

tion No.: 6950 February 5, 2002

Filed: Fe' Inventor(s):

Willson et al.

Title: THE USE OF

MESOSCALE SELF
ASSEMBLY AND
RECOGNITION TO
EFFECT DELIVERY OF
SENSING REAGENT FOR

ARRAYED SENSORS

Examiner:

Beisner, W. H.

Art Unit:

1744

Atty. Dkt. No:

5119-07301

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

DATE OF DEPOSIT:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to:

Commissioner for Patents Alexandria, VA 24313

Jackie L. Pitre

# INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents Alexandria, VA 22313

Sir:

It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents B1-B7 are enclosed for the convenience of the Examiner.

Should any other fees be required, or if any fees have been overpaid, the Commissioner is authorized to appropriately charge or credit those fees to Meyertons, Hood, Kivlin, Kowert & Goetzel Deposit Account No. 50-1505/5119-07301/EBM.

Respectfully submitted,

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Reg. No. 44,649

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Date: 2/4/64

SERIAL NO: 10/068,559

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information

ATTY. DOCKET NO: 5119-07301

APPLICANT: Willson et al.

ART UNIT: 1744

Bisclosure Statement

See several sheets if necessary)

FILING DATE: February 5, 2002

CONFIRM. NO.: 6950

#### ILS PATENT DOCUMENTS

			U.S. PATENT	DOCUMENTS			T
INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE I APPROPRIATE
		4828386	05/09/1989	Matkovich et al.			
		5137833	08/11/1992	Russell			
		5143853	09/01/1992	Walt			
		5156810	10/20/1992	Ribi			
		5156972	10/20/1992	Issachar			iii
		5162863	11/10/1992	Ito			
		5188934	02/23/1993	Menchen et al.			
		5219763	06/15/1993	Van Hoegaerden			
		5244636	09/14/1993	Walt et al.			
		5244813	09/14/1993	Walt et al.			
		5250264	10/05/1993	Walt et al.			
		5252494	10/12/1993	Walt			
		5307144	04/26/1994	Hiroshi et al.			
		5366860	11/22/1994	Bergot et al.			
		5382512	01/17/1995	Smethers et al.			
		5405784	04/11/1995	Van Hoegaerden			
		5480723	01/02/1996	Klainer et al.			
		5491097	02/13/1996	Ribi et al			
		5499909	03/19/1996	Yamada et al.			
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		5550373	08/27/1996	Cole et al.			
		5563042	10/08/1996	Phillips, et al			
		5567627	10/22/1996	Lehnen			
:		5597531	01/28/1997	Liberti, et al			
		5616790	04/01/1997	Arnold et al.			
		5677196	10/14/1997	Herron et al.			
XAMINER	2:			DATE CONSIDERED:		· =	

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ATTY. DOCKET NO: 5119-07301

APPLICANT: Willson et al.

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EXAM. DES	DOCUMENT NUMBER 5714122 5747349 5748091 5755942 5770370 5773307 5788814	DATE  02/03/1998  05/05/1998  05/05/1998  05/26/1998  06/23/1998  06/30/1998  08/04/1998	NAME  Bretscher et al.  Van Den Engh et al.  Kim  Zanzucchi et al.  Kumar  Colin et al.	CLASS	SUB CLASS	FILING DATE II APPROPRIATE
	5747349 5748091 5755942 5770370 5773307 5788814	05/05/1998 05/05/1998 05/26/1998 06/23/1998 06/30/1998	Van Den Engh et al.  Kim  Zanzucchi et al.  Kumar			
	5748091 5755942 5770370 5773307 5788814	05/05/1998 05/26/1998 06/23/1998 06/30/1998	Kim Zanzucchi et al. Kumar			
	5755942 5770370 5773307 5788814	05/26/1998 06/23/1998 06/30/1998	Zanzucchi et al. Kumar			
	5770370 5773307 5788814	06/23/1998 06/30/1998	Kumar			
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! !	5827748	10/27/1998	Golden			
	5834318	11/10/1998	Buettner			
	5837552	11/17/1998	Cotton et al.			
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	5843767	12/01/1998	Beattie			
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	5856174	01/05/1999	Lipshutz et al			
	5858804	01/12/1999	Zanzucchi et al.			
	5866430	02/02/1999	Grow			
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	5942443	08/24/1999	Parce et al.			
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	6063581	05/16/2000	Sundrehagen			
	6074616	06/13/2000	Buechler et al.		-	

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APPLICANT: Willson et al.

ART UNIT: 1744

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INTIALS	DES	6083761	07/04/2000	Kedar et al.			
-		6103479	08/15/2000	Taylor			
		6127139	10/03/2000	Te Koppele et al.			
		6171780	01/09/2001	Pham et al.		<del></del>	
		6210910	04/03/2001	Walt et al.			
		6245296	06/12/2001	Ligler et al.			
		6288220	09/11/2001	Kambara et al.			
		6309889	10/30/2001	Cutler et al.			
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		4732372	03/29/1988	Rotman			
		3844895	10/29/1974	Rose et al.			
		6288220	09/11/2001	Kambara et al.			
XAMINE				DATE CONSIDERED:			

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Closure Statement

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APPLICANT: Willson et al.

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ART UNIT: 1744

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		3970429	07/20/1976	Poitras			
		5863957	01/26/1999	Li et al.			
		5506141	04/09/1996	Weinreb			
, -		5608519	03/04/1997	Gourley et al.			
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		5,698,089	12/16/1997	Lewis et al.			
		5,654,497	8/5/1997	Hoffheins et al.			
		6,696,220	2/24/2004	Bailey et al.			
XAMINER	\ <u>.</u>		]	DATE CONSIDERED:			

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EXAM.	DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE I		
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		U.S	S. APPLICAT	TION CITATIONS					
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		2001002984	6/7/2001	Vetter					
	B1	U.S. Serial No. 10/847,635		Meiring et al.			5/6/2004		
	B2	U.S. Serial No. 10/832,469		Schmid et al.			4/26/2004		
		OTHER ART (In	cluding Autho	r, Title, Date, Pertinent Pa	ges, Etc.)				
	В3			of DNA hybridization and a ad. Sci. USA 1995, 92, 637	•	ligonucleot	ide arrays by		
	B4	Heller, M. J. "DNA Microarray Technology: Devices, Systems, and Applications" Annu. Rev. Biomed. Eng. 2002. 4:129-153.							
	В5	Warrington, J. A. et al. "New Developments in High-Throughput Resequencing and Variation Detection Using High Density Microarrays" Human Mutation 19:402-409.							
	В6	Cutler, D. J. et al. "High-Throughput Variation Detection and Genotyping Using Microarrays" Genome Research 2001 11:1913-1925.							
	В7	Southern, E. et al. "Molecu	lar interactions	on microarrays" Nature Ge	netics Supple	ement Vol.	21 Jan. 1999		
EXAMINER:			DATE CONSIDERED:						

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